

D3560-1 ARM WELDMENT

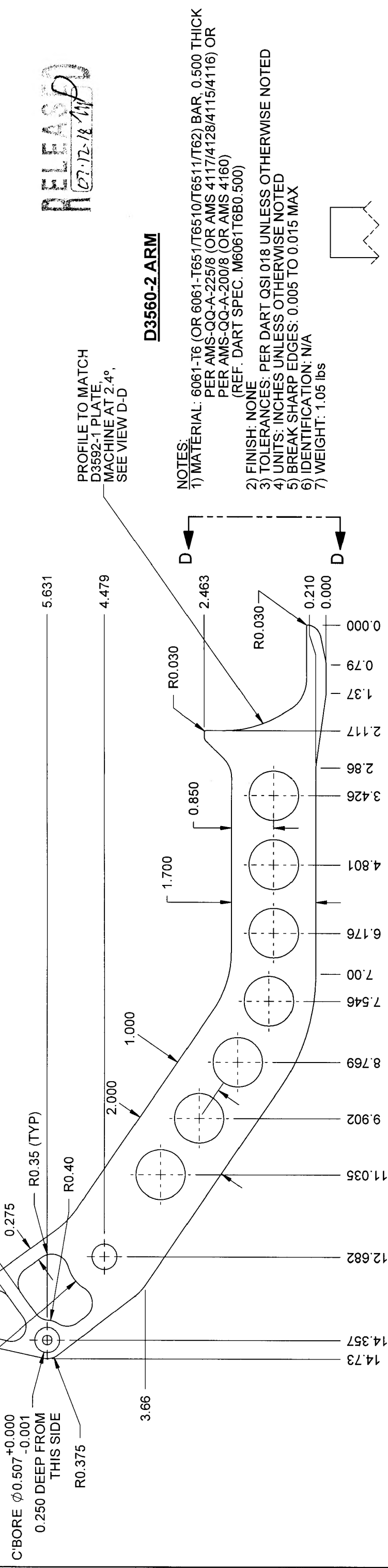
NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T6510/T6511/T62) BAR, 0.500 THICK PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS 4160) (REF. DART SPEC. M6061T6B0.500)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.05 lbs

DESIGN	01	DART AEROSPACE LTD
DRAWN	PC	HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO.
MFG. APPR.		D3560
APPROVED		TITLE
DE APPR.		ARM WELDMENT
DATE	07.11.16	SCALE
		1:2

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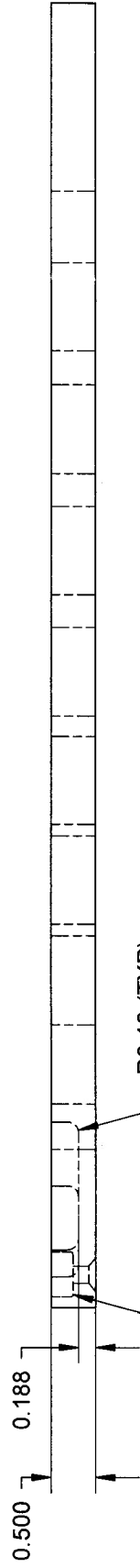
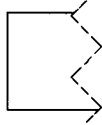
R0.30 (TYP ALL OUTSIDE CORNERS EXCEPT WHERE INDICATED)



D3560-2 ARM

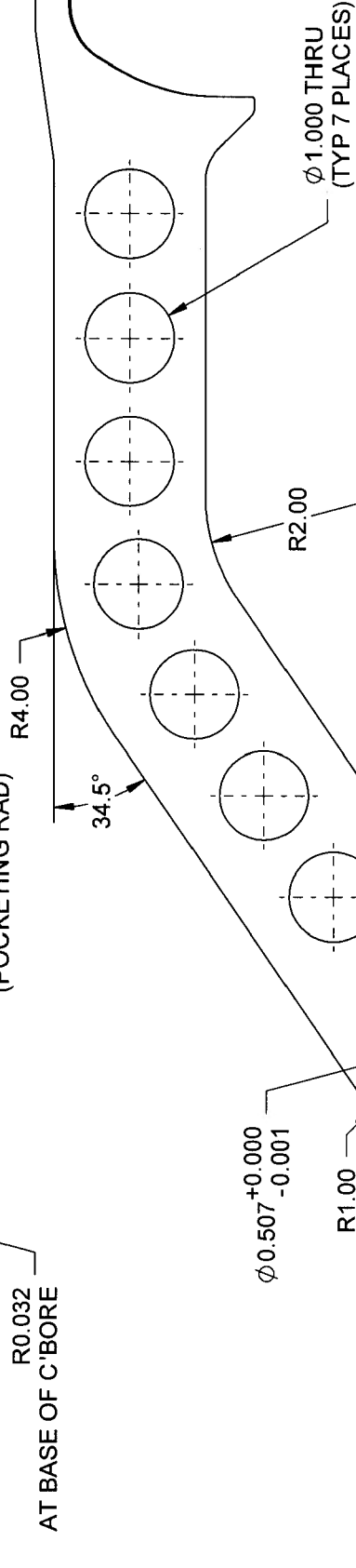
NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6511/T62) BAR, 0.500 THICK PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS 4160) (REF. DART SPEC. M6061T6B0.500)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.05 lbs



R0.13 (TYP)
(POCKETING RAD)

AT BASE OF C'BORE



VIEW D-D
SCALE 1 : 1

DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	07.11.16		
DART AEROSPACE LTD			
HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. D3560			
REV. D SHEET 3 OF 5			
TITLE			
ARM WELDMENT			
SCALE 1:2			
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PROFILE TO MATCH
D3592-1 PLATE,
MACHINE AT 2.4°
SEE VIEW E-E

C'BORE Ø 0.507^{+0.000}
0.250 DEEP FROM
THIS SIDE

1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) BAR, 0.500 THICK
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)
(REF. DART SPEC. M6061T6B0.500)

Technical drawing of a mechanical part, likely a propeller hub or similar component. The drawing shows various dimensions and features:

- Top Section:**
 - Overall width: 1.702
 - Radius: R4.00
 - Angle: 41.9°
 - Dimension: 1.750
 - Feature: CONSTANT TAPER FROM 1.702 TO 1.750
- Central Section:**
 - Four circular features with centerlines, labeled: $\phi 1.000$ THRU (TYP 4 PLACES)
 - One circular feature with centerline, labeled: $\phi 0.900$ THRU (1 PLACE)
 - Radius: R2.00
 - Angle: 19.7°
- Bottom Section:**
 - Radius: R1.00
 - Angle: 17.9°
 - Dimension: $\phi 0.507^{+0.000}_{-0.001}$
 - Radius: R0.30
 - Angle: 50.0°
 - Radius: R0.30
 - Feature: $\phi 0.196$ (DRILL #9 REF) C'SINK $\phi 0.385 \times 100^\circ$

07.12.18.18

DESIGN	dp	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3560 REV. D SHEET 4 OF 5
DRAWN	sc	
CHECKED	js	
MFG. APPR.	md	
APPROVED	md	
DE APPR.	js	SCALE 1:2
DATE	07.11.16	TITLE ARM WELDMENT COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

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